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*I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office on April 30, 2004, to the above-identified facsimile number.*

*Joan B. Cunningham* (Signature)

**FROM: Joan B. Cunningham**

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Number of Pages Including this Page: 6

Listed below are the item(s) being submitted with this Certificate of Transmission:

- 1) Fee Transmittal (1 page)
- 2) Petition for Extension of Time (1 page)
- 3) Response Under 37 CFR 1.111 (3 pgs.)
- 4)

Inventor(s): Douglas Joseph Dobrozsi

S.N.: 09/361,542

Filed: July 27, 1999

Case: 7247M

Comments:



<b>FEE TRANSMITTAL</b> <b>for FY 2004</b> Patent fees are subject to annual revision.	<b>Complete if Known</b>	
	Application Number	09/361,542
	Confirmation Number	5652
	Filing Date	July 27, 1999
	First Named Inventor	Douglas J. Dobrozsi
	Examiner Name	A. Pulliam
	Art Unit	1615
<b>TOTAL AMOUNT OF PAYMENT (\$950)</b>		Attorney Docket No. 7247M

<b>METHOD OF PAYMENT</b>		<b>FEE CALCULATION (continued)</b>																																																																																																																									
1. <input checked="" type="checkbox"/> The Director is hereby authorized to charge indicated fees submitted on this form, credit any over payments, and charge any additional fee(s) during the pendency of this application to:  Deposit Account Number: 16-2480 Deposit Account Name: The Procter & Gamble Company		3. <b>ADDITIONAL FEES</b> <table border="1"> <thead> <tr> <th>Code</th> <th>(\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>Surcharge-late filing fee or oath</td><td><input type="checkbox"/></td></tr> <tr><td>1052</td><td>50</td><td>Surcharge-late provisional filing fee or cover sheet</td><td><input type="checkbox"/></td></tr> <tr><td>1053</td><td>130</td><td>Non-English specification</td><td><input type="checkbox"/></td></tr> <tr><td>1812</td><td>2,520</td><td>For filing a request for <i>ex parte</i> reexamination</td><td><input type="checkbox"/></td></tr> <tr><td>1804</td><td>920*</td><td>Requesting publication of SIR prior to Examiner's action</td><td><input type="checkbox"/></td></tr> <tr><td>1805</td><td>1,840*</td><td>Requesting publication of SIR after Examiner's action</td><td><input type="checkbox"/></td></tr> <tr><td>1251</td><td>110</td><td>Extension for reply within 1<sup>st</sup> month</td><td><input type="checkbox"/></td></tr> <tr><td>1252</td><td>420</td><td>Extension for reply within 2<sup>nd</sup> month</td><td><input type="checkbox"/></td></tr> <tr><td>1253</td><td>950</td><td>Extension for reply within 3<sup>rd</sup> month</td><td><input checked="" type="checkbox"/></td></tr> <tr><td>1254</td><td>1,480</td><td>Extension for reply within 4<sup>th</sup> month</td><td><input type="checkbox"/></td></tr> <tr><td>1255</td><td>2,010</td><td>Extension for reply within 5<sup>th</sup> month</td><td><input type="checkbox"/></td></tr> <tr><td>1401</td><td>330</td><td>Notice of Appeal</td><td><input type="checkbox"/></td></tr> <tr><td>1402</td><td>330</td><td>Filing a brief in support of an appeal</td><td><input type="checkbox"/></td></tr> <tr><td>1403</td><td>290</td><td>Request for oral hearing</td><td><input type="checkbox"/></td></tr> <tr><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td><input type="checkbox"/></td></tr> <tr><td>1452</td><td>110</td><td>Petition to revive - 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<b>SUBMITTED BY</b>		<b>Complete (if applicable)</b>	
Name (Print/Type)	Joan B. Cunningham	Registration No. (Attorney/Agent)	43,962
Signature	<i>Joan B. Cunningham</i>	Telephone	(513) 622-3993
		Date	April 30, 2004

+ This collection of information is required by 37 CFR 1.17. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon individual case. Any comment on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Feetmpa.doc (Revised for P&G use 9/22/2003)

Case 7247M

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of :  
Douglas J. Dobrozsi :  
Serial No.: 09/361,542 :  
Confirmation No.: 5652 :  
Filed: July 27, 1999 :  
Title: Oral Liquid Mucoadhesive Compositions :

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MAY 03 2004

Group Art Unit: 1615

Examiner: A. Pulliam

OFFICIAL

RESPONSE UNDER 37 CFR 1.111

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the October 31, 2003 Office Action in the above-identified case, please consider the following remarks.

REMARKS

Claims 36, 38-39, 41-46, and 48 remain in the present application. Claims 1-35, 37, 40, and 47 have been previously canceled. No additional claims fee is believed to be due.

Invention Synopsis

The present invention is directed to oral, liquid, aqueous, mucoadhesive compositions, and a method of administering such compositions, wherein the compositions comprise colloidal particles of silicon dioxide, a select pharmaceutical active, and a citric acid.

It has been found that prolonged and improved coating and protection of components of the alimentary canal such as the stomach, esophagus, and small intestine can be achieved by incorporating a mucoadhesive material into an oral pharmaceutical composition. Unlike conventional mucoadhesive materials such as mucoadhesive polymers, the compositions of the present invention comprise a silicon dioxide which provides for highly effective mucoadhesive systems. It has also been found that when the compositions of the present invention comprise a citric acid, the solid particles of these highly effective mucoadhesive systems are consistently dispersed to result in improved stability of the systems.

Art Rejection

Claims 36, 38-39, 41-46, and 48 have been rejected under 35 U.S.C. 103 as being unpatentably obvious over the product Silicol\* (manufactured by Saguna GmbH in Germany) in view of Banning et